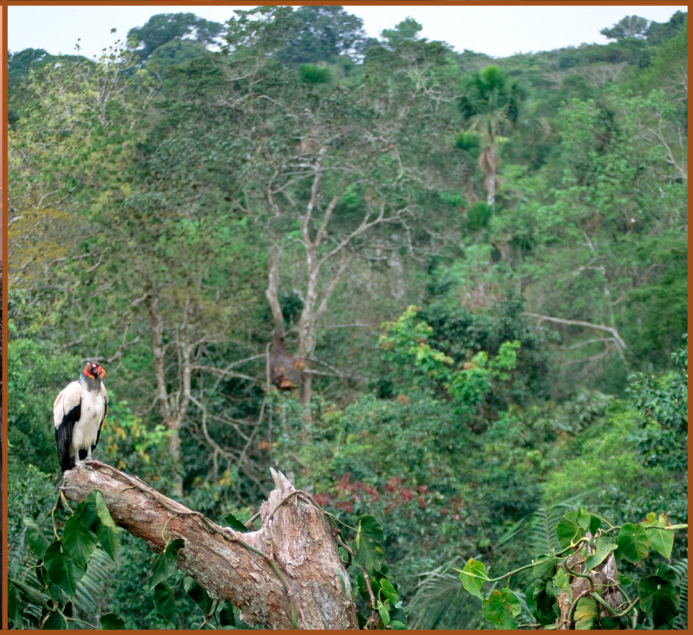
VA #1 Joshua Tree National Park

This photograph shows the landscape of Joshua Tree National Park. The Joshua tree (*Yucca brevifolia*) is the largest and most common plant in the park.

VA #2 Barstow-Vegas Wagon Trail

VA #3 Life in the Amazon Rainforest

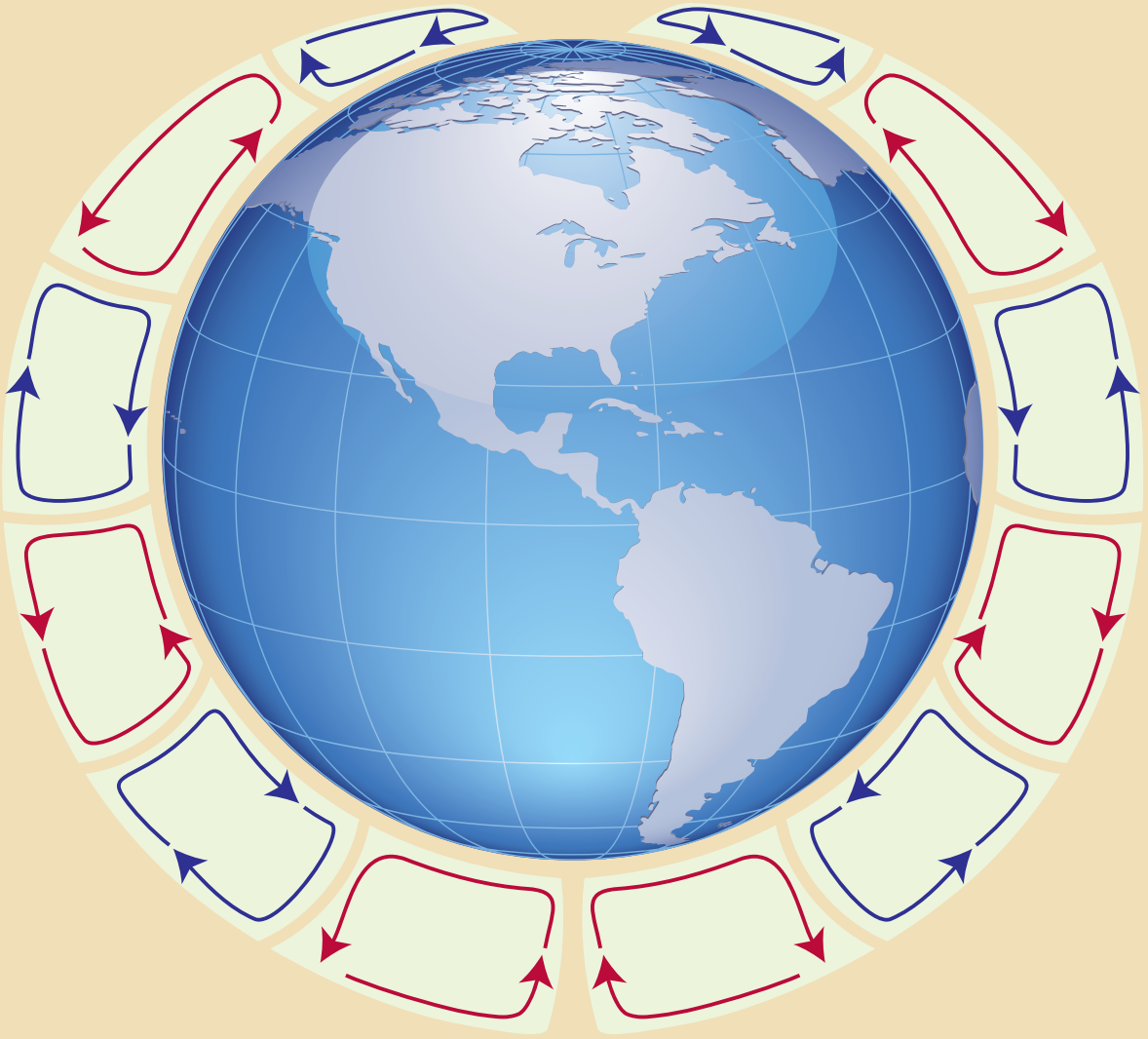


VA #4 Life in the Mojave Desert

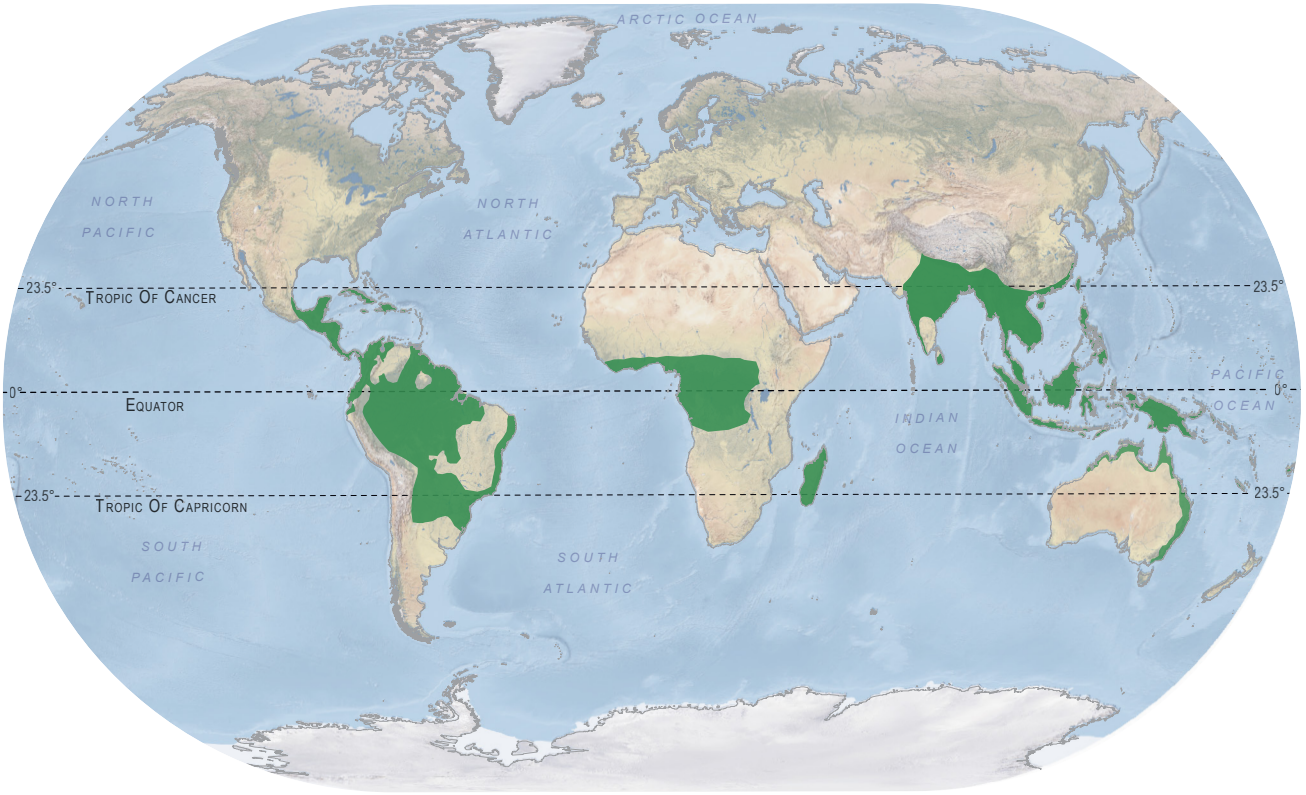
VA #5 Latitude

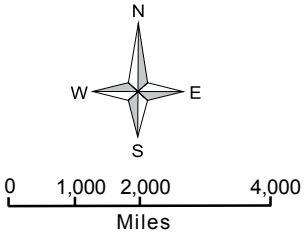
Latitude

VA #6 Global Convection Currents



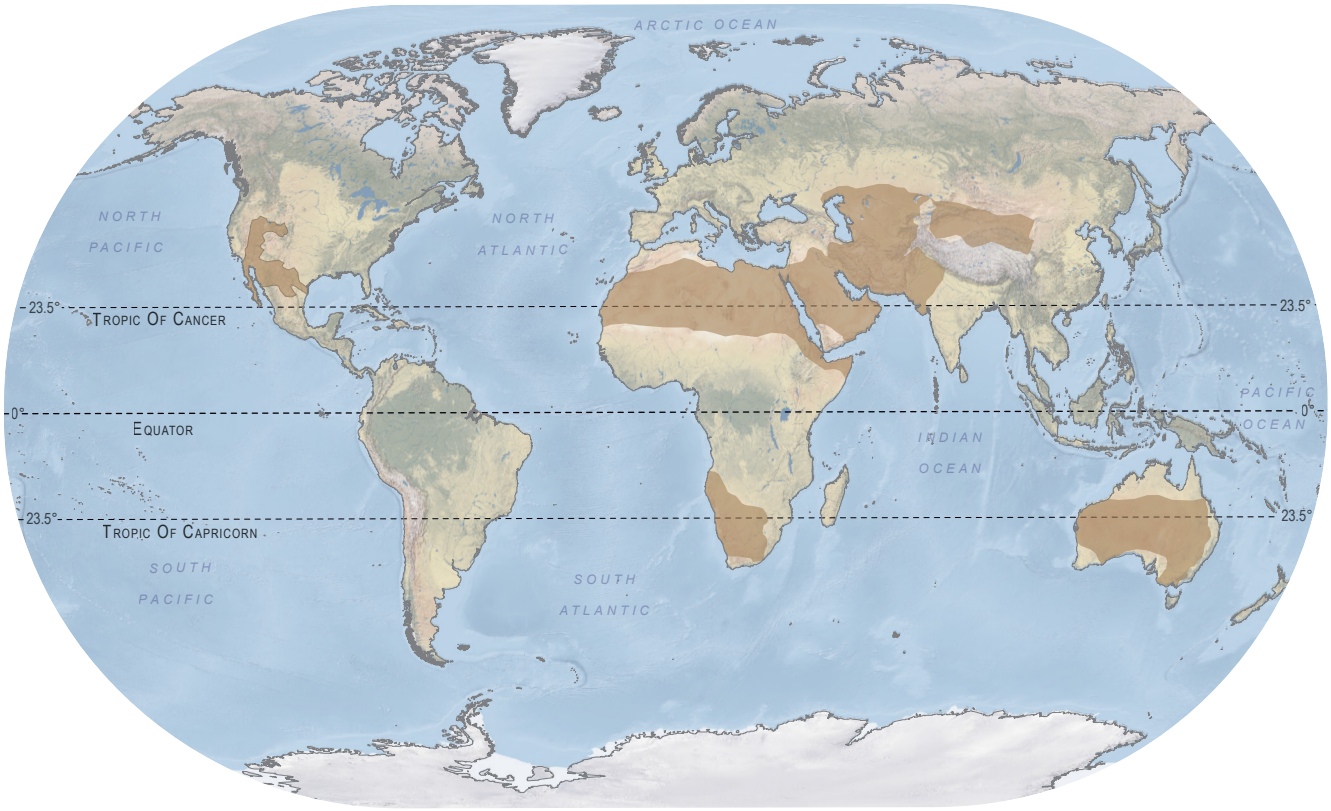
VA #7 Global Distribution of Rainforests

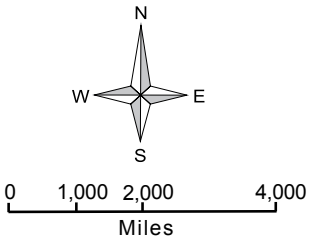




Rainforests

VA #8 Global Distribution of Deserts





Deserts

VA #9 Rainforest Uses

Ecosystems Goods (5 points)
Trees
Flowers
Soil
Water
Oxygen
Ecosystems Services (5 points)
Oxygen production
Carbon sequestration (long-term storage of carbon in forests, soil, and oceans)
Erosion control
Nutrient cycling
Regulation of water cycle
Human Uses (5 points)
Timber for construction
Agricultural crop seed sources
Pharmaceutical/medicinal discovery sources
Foodstuffs, including spices, nuts, and berries
Roots of plants keep soil in plant and prevent erosion

VA #10 Solar and Wind Power from the Desert

VA #11 Desert Uses

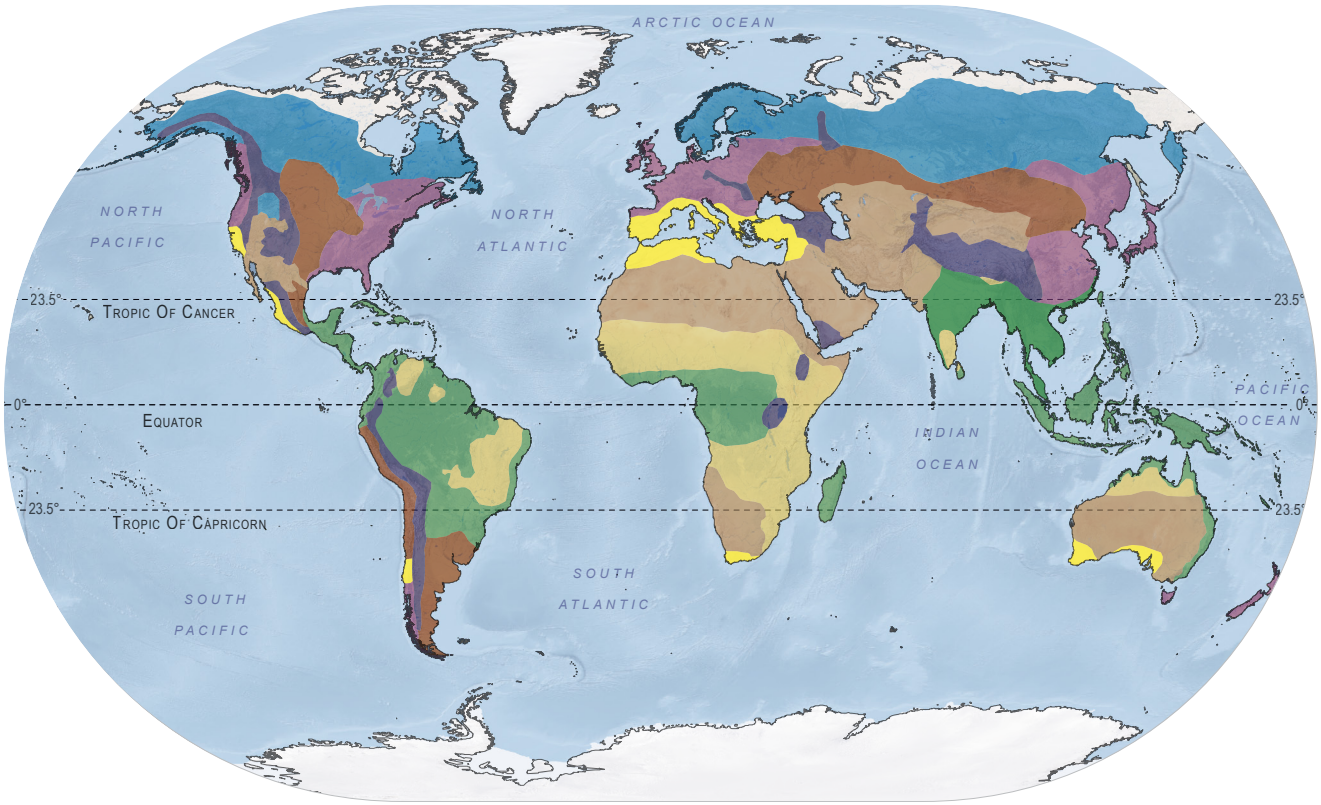
Ecosystems Goods (5 points)
Land
Plants
Animals
Petrolium—crude oil
Minerals, precious metals, and gemstones
Ecosystems Services (5 points)
Atmospheric services (for example heat, wind)
Water supply/storage
Potential for solar and wind power
Erosion control
Pollination by insects
Human Uses (5 points)
Solar and wind energy
Recreation
Food production
Land for farming
Habitat for plants and animals
Land for development and housing

VA #12 Human Activities in Rainforests

VA #13 Border Between Haiti and Dominican Republic

VA #14 Human Activities in Deserts

VA #15 World Biomes



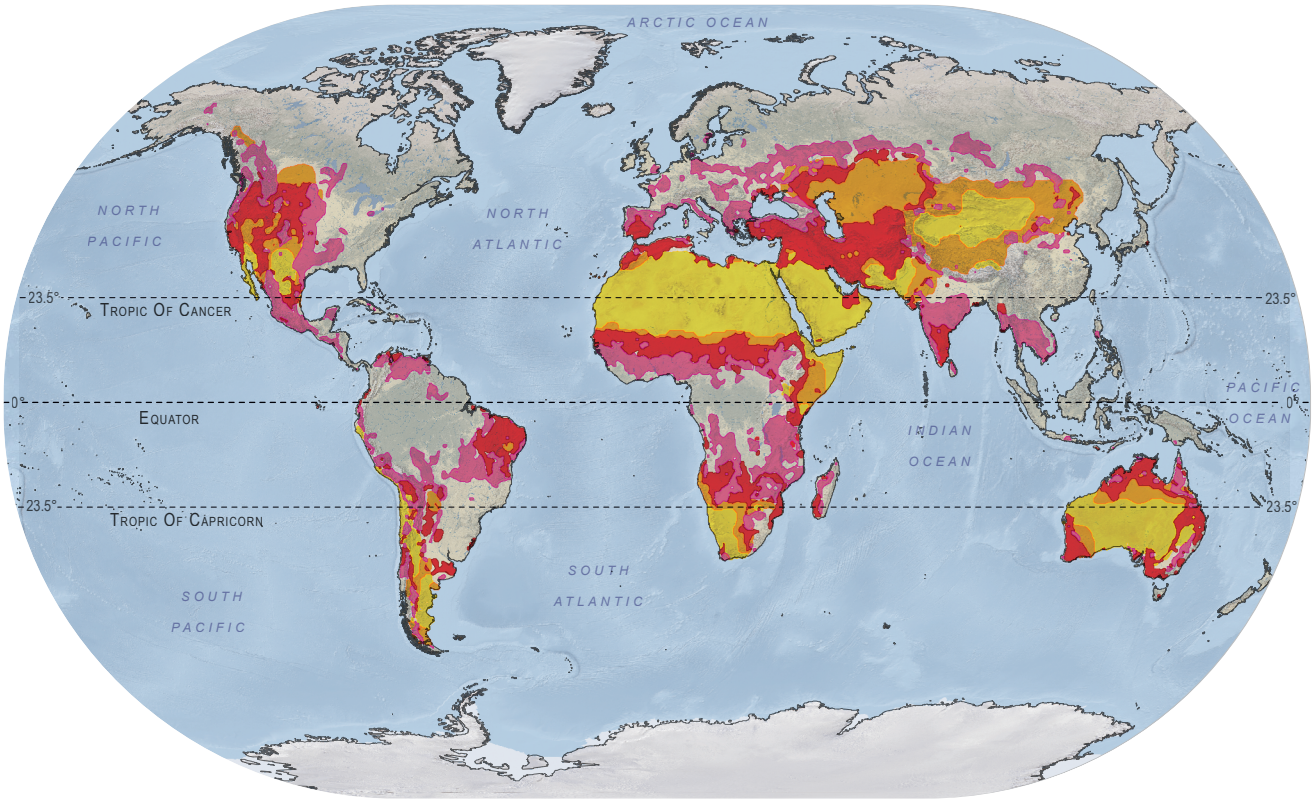
N
W E
S

Desert
Rainforest
Chaparral
Alpine
Taiga
Tundra/Polar
Deciduous Forest
Savanna
Grassland

0 1,000 2,000 4,000
Miles

VA #16 Ecosystem Recovery

VA #17 Global Desertification Vulnerability Map



N
W E
S

0 1,000 2,000 4,000
Miles

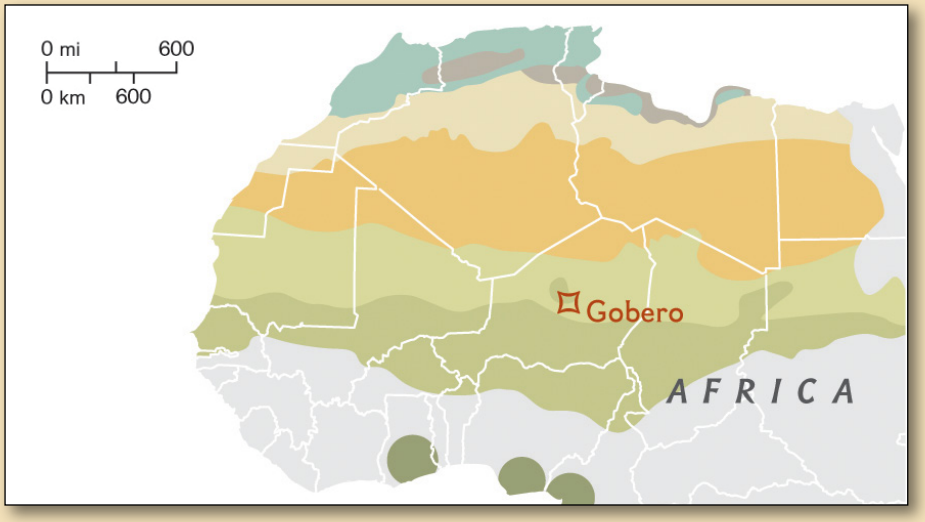
REGIONS

Arid
Semi-Arid

DESERTIFICATION VULNERABILITY

High
Moderate

VA #18 Changing Boundaries of the Sahara Desert



Sahara 8,000 Years Ago

Gobero – Ancient Burial Site

Sahara Today

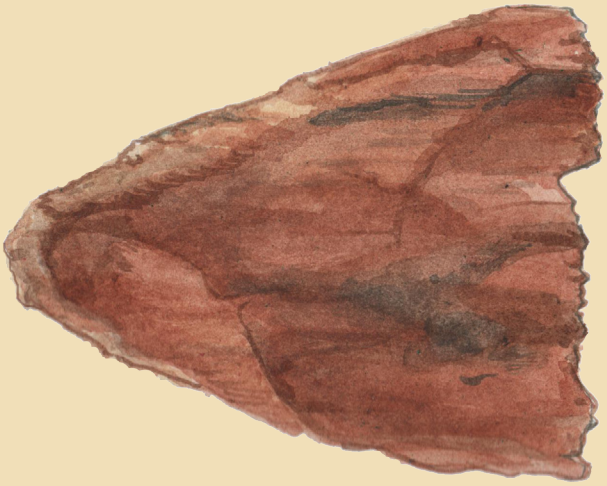
Gobero – Ancient Burial Site

Vegetation

- Forest
- Steppe
- Semidesert
- Desert
- Savanna
- Savanna and forest
- Rain forest
- No data

VA #19 Artifacts of the Kiffian Culture

fishhook tool

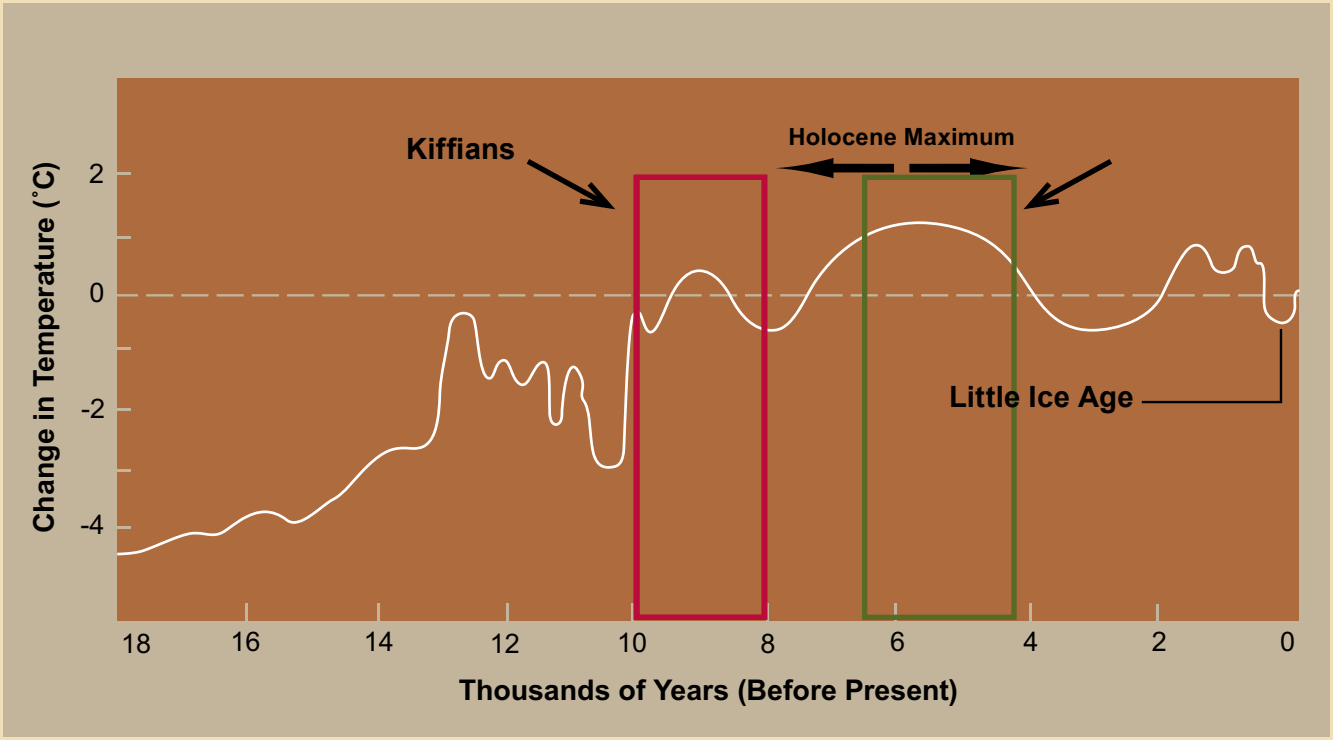


spear tip

harpoon

harpoon

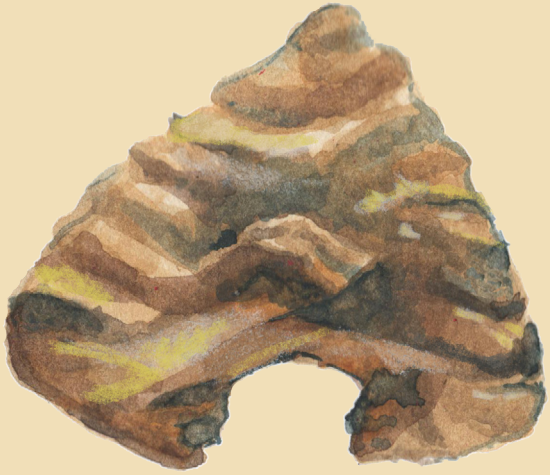
VA #20 Global Temperature Change



Kiffian Culture lived in Green Sahara

Tenerian Culture lived in Green Sahara

VA #21 Artifacts of the Tenerian Culture



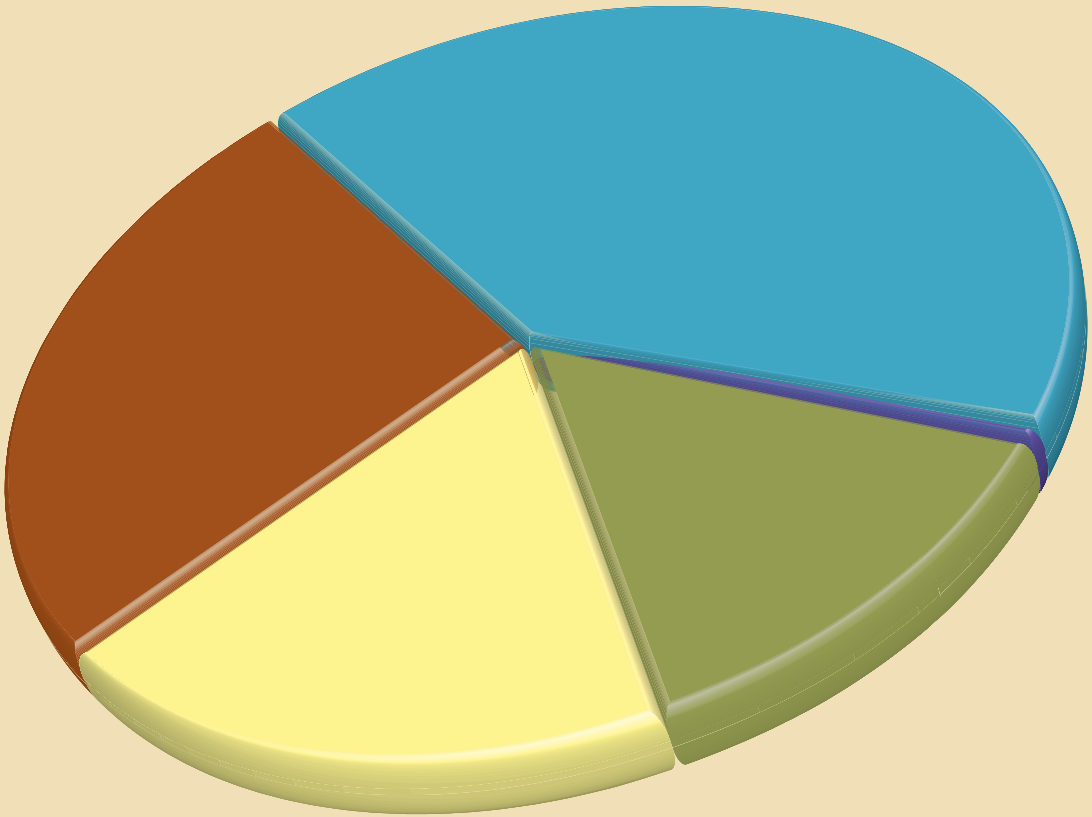
arrowhead

tool from
antelope knuckles

arrowhead

VA #22 Mojave Desert Ecosystem

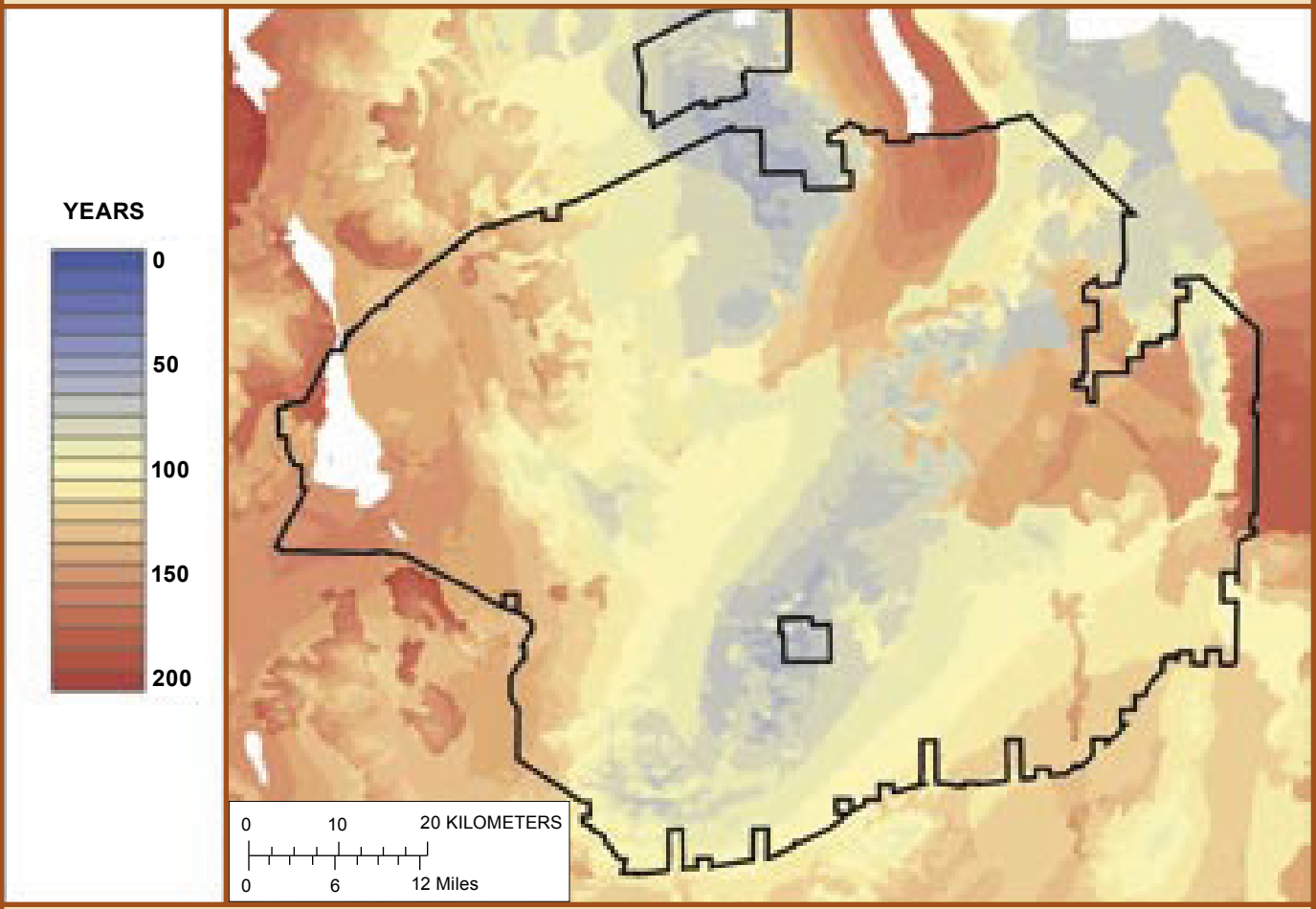
VA #23 Who Manages California's Mojave Desert Lands?



- Bureau of Land Management
- National Park Service
- Private Landowners/Municipalities
- Department of Defense
- State Parks/Fish and Game

VA #24 Desert Crusts

VA #25 Spatial Map for Soil Compaction Recovery



Geospatial map of the USGS Recoverability and Vulnerability of Desert Ecosystems (RVDE) study site in the Mojave Desert shows the time necessary to recover from soil compaction.

Source: Used with permission of the U.S. Geological Survey.